

The Human Effectiveness Directorate is composed of a diverse group of scientists and engineers studying and developing technologies specific to the human element of warfighting capability.

Vision

Unleash the power of human performance through technology

Mission

Provide science and leading edge technology to:

- Define human capabilities, vulnerabilities, and effectiveness
- Train warriors
- Integrate operators and weapon systems
- Protect Air Force people
- Sustain aerospace operations

Execution

Our portfolio of scientific endeavors are grouped into three capability-focused areas (or Thrusts) that deliver value to the warfighter. These are depicted on the adjoining pages.

Train as We Fight

Goal: Enable warfighters to train as they fight by advancing education and training technologies and methods to provide required mission competencies for the expeditionary aerospace force.

Areas of study and development:

- Skill Development
- Training Simulation



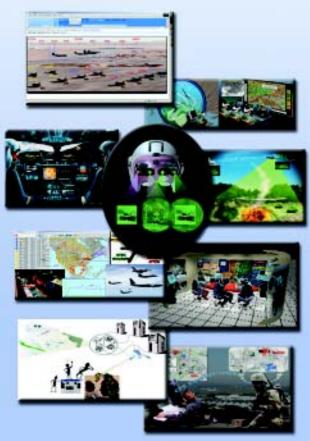
WE FIGHT

Decision Effectiveness

Goal: Enable improved decision effectiveness for all warfighters by advancing cognitive modeling science, task critical information portrayal, and decision support technology.

Areas of study and development:

- Information Portrayal
- · Decision Making
- Human-System Representation



Immunity from Threat

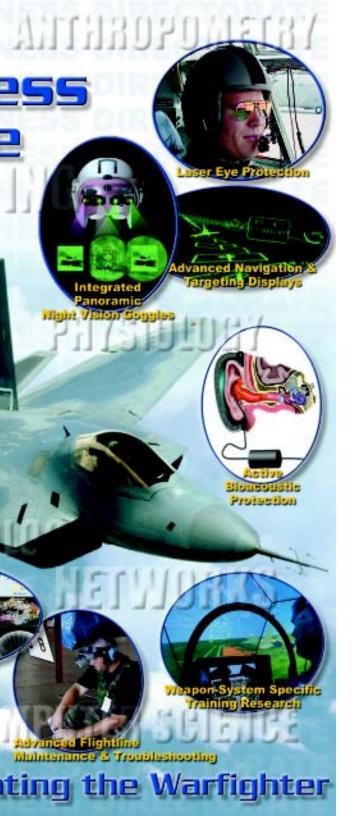
Goal: Predict and mitigate the influence of aerospace stressors, toxic hazards, and directed energy to maximize immunity from threats.

Areas of study and development:

- Directed Energy Bioeffects
- Physical Stressors
- Toxic Hazards

EFFECTIVENESS FROM THREAT







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Cleared by ASC/PA on 8/26/2003 as Document Number ASC 03-2229

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